

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-20 14:26:17

Date of Next Testing: 2027-05-19 14:26:17

Product Name: **Azelaic acid**

CAS Number: 123-99-9

Specifications & Purity: Moligand™, ≥99%

Lot #: E2311091

SKU #: **A108439**

Version: **1**

Analysis #: **112724**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.99000 %
Melting point	106-109 (°C)	108.99000 °C
Purity(GC)	99-100 (%)	99.12300 %
Appearance (A108439)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to light yellow liquid(5%, ethanol)	pass	Pass



John Su
QA & QC Manager